

CONTENTS

Number 1

- | | | |
|---|----|---|
| David W. Chadwick,
Rana Tassabehji and
Andrew Young | 1 | Experiences of using a public key infrastructure for the preparation of examination papers |
| Albert L. Ingram,
Lesley G. Hathorn and
Alan Evans | 21 | Beyond chat on the internet |
| Peter McKenna | 37 | Transparent and opaque boxes: do women and men have different computer programming psychologies and styles? |
| Jolie Mayer-Smith,
Erminia Pedretti and
Janice Woodrow | 51 | Closing of the gender gap in technology enriched science education: a case study |
| Chien Chou and
Ming-Chun Hsiao | 65 | Internet addiction, usage, gratification, and pleasure experience: the Taiwan college students' case |
| | 81 | Book reviews |

Number 2

- | | | |
|---|-----|---|
| David Crowe and Hossein Zand | 95 | Computers and undergraduate mathematics I: setting the scene |
| David Crowe and Hossein Zand | 123 | Computers and undergraduate mathematics 3: Internet resources |
| Leslie J. Francis, Yaacov J. Katz
and Susan H. Jones | 149 | The reliability and validity of the Hebrew version of the Computer Attitude Scale |
| John C. Waller and
Natalie Foster | 161 | Training via the web: a virtual instrument |
| | 169 | Book reviews |

Number 3

- | | | |
|---|-----|--|
| Attila Szabo and Nigel Hastings | 175 | Using IT in the undergraduate classroom: should we replace the blackboard with PowerPoint? |
| Gnanathusharan Rajendran and Peter Mitchell | 189 | Computer mediated interaction in Asperger's syndrome: the Bubble Dialogue program |
| Chien Chou, Yi-Fan Chang and Yi-Ying Jiang | 209 | The development of an online adaptive questionnaire for health education in Taiwan |
| David G. Dewhurst, Hamish A. Macleod and Tracey A. M. Norris | 223 | Independent student learning aided by computers: an acceptable alternative to lectures? |
| | 243 | Book reviews |

Number 4

- | | | |
|--|-----|---|
| Michael Hammond | 251 | Communication within on-line forums: the opportunities, the constraints and the value of a communicative approach |
| Neville Stanton, Ana Paula Correia and Paulo Dias | 263 | Efficacy of a map on search, orientation and access behaviour in a hypermedia system |
| Pierre Valois, Éric Frenette, Paul Villeneuve, Stéphane Sabourin and Christiane Bordeleau | 281 | Nonparametric item analysis and confirmatory factorial validity of the computer attitude scale for secondary students |
| Daniel T. Holt and Mitchell Crocker | 295 | Prior negative experiences: their impact on computer training outcomes |
| S. Tweddle, C. James, H. Daniels, D. Davies, P. Harvey, N. James, J. Mossman and E. Woolf | 309 | Use of a Web site for learning about cancer |
| | 327 | Book reviews |

